



**NASA Goddard Space Flight Center (GSFC)
New York City Research Initiative (NYCRI)**



EdGCM (PC Version of GISS Global Climate Model)

Professional development module in climate modeling for scientists & educators

April 26, 2006 - GSFC Learning Center, Building 1

Session 1: 9:00 - 12:00

Session 2: and 1:30 – 4:30

GSFC's NYCRI (<http://education.gsfc.nasa.gov/nycr>) is funded by the NASA Education and Earth Science Offices and consists of a summer research institute and an academic year component. During the academic year high school and university educators formulate, implement and evaluate learning units and courses based on their NASA research projects. With support from GSFC Director's Discretionary Fund, Dr. Mark Chandler, GISS/Columbia University researcher, and his team were able to develop EdGCM materials for use in existing university, high school and middle school STEM courses. Participants in this hands-on workshop will receive an EdGCM DVD containing the latest version of all EdGCM software, learning materials and output from several sample global climate model experiments.

Topics Covered:

1. A Brief Introduction to Global Climate Modeling
2. An Overview of the Educational Global Climate Modeling Project (EdGCM)
3. Hands-on Demonstration of the EdGCM Software Suite, including:
 - Setting Up and Running Simulations
 - Analyzing Climate Model Output
 - Scientific Visualization of Results
 - Creating Scientific Reports
 - Publishing Reports to the Web
 - Information Exchange through the EdGCM Cooperative Website

Interested Parties should Pre-Register by contacting:

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